

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN DIEGO REGION

ORDER NO. 87-53

WASTE DISCHARGE REQUIREMENTS  
FOR THE  
ANZA SANITARY LANDFILL  
COUNTY OF RIVERSIDE

The California Regional Water Quality Control Board, San Diego Region (hereinafter

1. In response to a request by Regional Board staff, Mr. Raymond E. Johnson, Waste Disposal Engineer, Riverside County Office of Road Commissioner and County Surveyor, submitted an incomplete Report of Waste Discharge dated July 25, 1980 for the existing Anza Sanitary Landfill. Submittal of additional information, received August 28, 1980, completed the Report of Waste Discharge.
2. On November 24, 1980, this Regional Board adopted Order No. 80-51, *Waste Discharge Requirements for the Anza Sanitary Landfill, County of Riverside*. Order No. 80-51 established requirements for the operation of a Class II-2 (old classification) sanitary landfill. Order No. 80-51 contained an expiration date of October 27, 1985.
3. As a part of the FY 1986/87 waste discharge order update program, Order No. 80-51 has been reviewed by Regional Board in accordance with criteria established in the Administrative Procedures Manual adopted by the State Water Resources Control Board. As a result of this review, it has been determined that changes are necessary in the requirements established by Order No. 80-51.
4. The Anza Sanitary Landfill is owned by the County of Riverside. In March 1986, the operation of the landfill was transferred from the Road Department, Waste Disposal Division, to the newly created Waste Management Department. The disposal operation at the site began in 1956 and is expected to continue until 2020.
5. The 40.0 acre Anza Sanitary Landfill is located in Anza on Terwilliger Road,  $\frac{1}{4}$  mile south of Wellman Road. The landfill is located in the Anza Hydrologic Subarea (2.73) of the Anza Hydrologic Subunit of the Santa Margarita Hydrologic Unit in the SE $\frac{1}{4}$  of the NW $\frac{1}{4}$  of Section 25, T7S, R3E, SBB&M. The site location is shown in Attachment A.

6. The Report of Waste Discharge indicated that the landfilling method at the Anza Sanitary Landfill consists of a working face from 30 to 50 feet long in front of which the refuse is dumped. The dozer pushes, spreads, and compacts the wastes on the face of the fill to an estimated density of 1,000 pounds per cubic yard. Four times each week the working face is covered with six inches of soil, and the top surface is covered with one foot of soil. The cover material is obtained from on site and from clean dirt disposed of at the site as a result of nearby construction. The cover material is stockpiled close to the working face. An average of 25 cubic yards of cover material are required each time the site is covered.
7. The Report of Waste Discharge indicated that the Anza Sanitary Landfill receives approximately 50 cubic yards of solid wastes daily, and has an estimated total capacity of 400,000 cubic yards.
8. The Report of Waste Discharge indicated that the geology at the Anza Disposal Site consists of decomposed granite on the surface with outcrops of Cretaceous-Jurassic granitic rock. This complex is underlain by undivided precretaceous metamorphic rocks. The soils at the Anza Disposal Site consist entirely of the Tollhouse Series. Soils of the Tollhouse Series are excessively drained and occur on the uplands. Slopes range from 5 to 50 percent. These soils developed on weathered granodiorite and granite.
9. The Report of Waste Discharge indicated that the land within 1,000 feet of this site is zoned for Rural Residential (R-R). There are no plans for the ultimate use of this site other than as an open space area.
10. On October 18, 1984, the State Water Resources Control Board adopted a new version of California Administrative Code, Title 23, Chapter 3, Subchapter 15 (hereinafter Subchapter 15). The 1984 version of Subchapter 15 superseded the version of Subchapter 15 adopted in 1972. Subchapter 15 establishes waste and site classification criteria and waste management requirements for waste treatment, storage and disposal in landfills, surface impoundments, waste piles and land treatment facilities, as well as standards for mining wastes and discharges of animal waste at confined animal facilities. Subchapter 15 is to be implemented by issuance of waste discharge requirements. In order for waste discharge requirements to be issued which fully implement Subchapter 15 with respect to a specific landfill site, it is necessary for the landfill owner/operator to submit certain information called for in Subchapter 15, and for Regional Board staff to review and analyze that information. By letter dated June 6, 1985 Regional Board staff requested the County of Riverside to submit such information for the Anza Sanitary

Landfill. By letter dated May 15, 1986, R.B. Tengco, Road Division Engineer, Department of Waste Management, County of Riverside, submitted information in response to Regional Board staff's request. Regional Board staff has not yet completed its review of the information submitted for the Anza Sanitary Landfill. Consequently, it is not known at this time whether submittal of additional information will be necessary. After all the necessary information has been submitted, reviewed, and analyzed, this Regional Board will issue new waste discharge requirements or revise these waste discharge requirements in order to fully implement Subchapter 15 for the Anza Sanitary Landfill. In the interim, this Order, which supersedes expired Order No. 80-51, will establish waste discharge requirements for the Anza Sanitary Landfill.

11. On June 9, 1986, Douglas M. Isbell, Director, Waste Management Department, County of Riverside, requested modification of Waste Discharger Requirements Order No. 80-51 for the Anza Sanitary Landfill, for the disposal of septic tank and chemical toilet waste to evaporation ponds, to be constructed at the site. In response to this request, Regional Board staff, by letter dated June 27, 1986, indicated that staff did not object to the operation of septage ponds at the Anza Sanitary Landfill provided that conditions are met that assure continuous protection of usable surface and ground waters. Staff also indicated that it would be necessary for the Regional Board to adopt Waste Discharge Requirements for the septage ponds, and that the County of Riverside may be requested to provide additional information in order to complete the Report of Waste Discharge.
12. Under criteria established by the 1972 version of Subchapter 15, the Anza Sanitary Landfill was classified as a Class II-2 disposal site. The Anza Sanitary Landfill will be reclassified under criteria established by the 1984 version of Subchapter 15 when these waste discharge requirements are revised or new waste discharge requirements are issued to fully implement Subchapter 15.
13. The *Comprehensive Water Quality Control Plan Report, San Diego Region (9)* (Basin Plan) was adopted by this Regional Board on March 17, 1975; approved by the State Water Resources Control Board on March 20, 1975; and updated by the Regional Board on February 27, 1978, March 23, 1981, January 23 and October 3, 1983, August 27, 1984, and December 16, 1985. The 1978, 1981, 1983, 1984, and 1985 updates were subsequently approved by the State Board.

14. The Basin Plan established the following beneficial uses for the waters of the Anza Hydrographic Subunit:

a. Surface Waters

- (1) Municipal and domestic supply
- (2) Agricultural supply
- (3) Industrial service supply
- (4) Industrial process supply
- (5) Noncontact water recreation
- (6) Wildlife habitat

b. Ground Water

- (1) Municipal and domestic supply
- (2) Agricultural supply
- (3) Ground water recharge

15. The Basin Plan established the following water quality objectives for the Anza Hydrographic Subunit:

Constituent	Concentration not to be exceeded more than 10 percent of the time			
	Surface Water		Ground Water	
Total Dissolved Solids	750	mg/L	500	mg/L
Chloride	300	mg/L	250	mg/L
Percent Sodium	60	%	60	%
Sulfate	300	mg/L	250	mg/L
Nitrate	- - -		10	mg/L
Nitrogen & Phosphorus	*		- - -	
Iron	0.3	mg/L	0.3	mg/L
Manganese	0.05	mg/L	0.05	mg/L
Methylene Blue Active Substances	0.5	mg/L	0.5	mg/L
Boron	0.5	mg/L	0.5	mg/L
Dissolved Oxygen	**		- - -	
Odor	None		None	
Turbidity	20	NTU	5	NTU
Color	20	Units	15	Units
Fluoride	1.0	mg/L	1.0	mg/L

Note: mg/L = milligrams per Liter      NTU = Nephelometric Turbidity Units

- \* Concentrations of nitrogen and phosphorus, by themselves or in combinations with other nutrients, shall be maintained at levels below those which stimulate algae and emergent plant growth. Threshold total Phosphorus (P) concentrations shall not exceed 0.05 mg/L in any stream at the point where it enters any standing body of water, nor 0.025 mg/L in any standing body of water. A desired goal in order to prevent plant nuisances in streams and other flowing waters appears to be 0.1 mg/L total P. These values are not to be exceeded more than 10 percent of the time unless studies of the specific water body in question clearly show that water quality objective changes are permissible and changes are approved by the Regional Board. Analogous threshold values have not been set for nitrogen compounds; however, natural ratios of nitrogen to phosphorus are to be determined by surveillance and monitoring and upheld. If data are lacking, a ratio of N:P = 10:1 shall be used.
- \*\* Ninety percent or more of natural seasonal minimum oxygen concentration and more than 5.0 mg/L maintained at least 90 percent of the time.

16. The Basin Plan includes the following prohibitions which are applicable to the discharge:

- a. "The dumping or deposition of oil, garbage, trash or other solid municipal, industrial or agricultural waste directly into inland waters or watercourses or adjacent to the watercourses in any manner which may permit its being washed into the watercourse is prohibited.
- b. "Dumping or deposition of oil, garbage, trash or other solid municipal, industrial or agricultural waste into natural or excavated sites below historic water levels or deposition of soluble industrial wastes at any site is prohibited, unless such site has been specifically approved by the Regional Board for that purpose.
- c. "Land grading and similar operations causing soil disturbance which do not contain provisions to minimize soil erosion and limit suspended matter in area runoff are prohibited."

17. The County of Riverside prepared a final negative declaration for the Anza Sanitary Landfill, dated May 20, 1975, in accordance with the California Environmental Quality Act (Public Resources Code, Section 21000 et seq.) and the State Guidelines.
18. The Regional Board staff reviewed the negative declaration and determined that there will be no substantial adverse changes in the environment as a result of the project.
19. The Regional Board, in establishing the requirements contained herein, considered factors including, but not limited to the following:
  - a. Past, present, and probable future beneficial uses of water.
  - b. Environmental characteristics of the hydrographic unit under consideration, including the quality of water available thereto.
  - c. Water quality conditions that could reasonably be achieved through the coordinated control of all factors which affect water quality in the area.
  - d. Economic considerations.
  - e. The need for developing housing within the region.
  - f. Beneficial uses to be protected and water quality objectives reasonably required for that purpose.
  - g. Other waste discharges.
  - h. The need to prevent nuisance.
20. This facility is an existing facility and as such is exempt from the provisions of the California Environmental Quality Act, in accordance with Title 14, California Administrative Code, Chapter 3, Article 19, Section 15301.
21. The Regional Board has considered all water resources related environmental factors associated with the existing discharge.
22. The Regional Board has notified the discharger and all known interested parties of the intent to update waste discharge requirements for the existing discharge.

23. The Regional Board in a public meeting heard and considered all comments pertaining to the existing discharge.

*IT IS HEREBY ORDERED, That* the County of Riverside (hereinafter discharger), in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, shall comply with the following at the Anza Sanitary Landfill:

*A. PROHIBITIONS*

1. Discharges of wastes to lands which have not been specifically described to the Regional Board and for which valid waste discharge requirements are not in force are prohibited.
2. The discharge of waste shall not:
  - a. Cause the occurrence of coliform or pathogenic organisms in waters pumped from the basin;
  - b. Cause the occurrence of objectionable tastes and odors in water pumped from the basin;
  - c. Cause waters pumped from the basin to foam;
  - d. Cause the presence of toxic materials in waters pumped from the basin;
  - e. Cause the pH of waters pumped from the basin to fall below 6.0 or rise above 9.0;
  - f. Cause this Regional Board's objectives for the ground or surface waters of the Anza Hydrographic Subunit as established in the Basin Plan, to be exceeded;
3. Odors, vectors, and other nuisances of waste origin beyond the limits of the landfill site are prohibited.
4. The discharge of waste in a manner other than as described in the findings of this Order or the Report of Waste Discharge is prohibited unless the discharger obtains revised waste discharge requirements that provide for the proposed change.

5. The discharge of waste to surface drainage courses or to usable ground water is prohibited.
6. Waste materials shall not be disposed of outside of the designated disposal area(s) shown on Attachment "A".
7. Wastes shall not be placed in ponded water from any source whatsoever.
8. Disposal of hazardous waste at this waste management facility is prohibited.
9. Disposal of designated waste at this waste management facility is prohibited except as provided for by Subchapter 15, Section 2520(a)(1).
10. Disposal of liquids or semi-solid waste at this waste management facility is prohibited except as provided for by Subchapter 15, Section 2520(d)(3) or on an interim basis as described in Finding 11 of this Order.
11. Disposal of sewage or water treatment sludge at this waste management facility is prohibited except as provided for by Subchapter 15, Sections 2520(d)(3) and 2523(c).
12. Basin Plan prohibitions shall not be violated.

*B. DISCHARGE SPECIFICATIONS*

1. The migration of methane gas from the landfill shall be controlled as necessary to prevent creation of a nuisance.
2. All wells located within the disposal area with the exception of the existing monitoring well shall be sealed to the standard of the County of Riverside Health Department (and any other pertinent agency) prior to discharging waste materials within 100 feet of any such wells. This requirement shall be met for the existing monitoring well within 18 months of effective date of this Order.
3. During the months when precipitation can be expected, the disposal activity shall be confined to the smallest area possible based upon the anticipated quantity of wastes and operational procedures.
4. The discharger shall remove and relocate any wastes which are discharged at this site in violation of these requirements.



5. The discharger shall comply with Subchapter 15, Section 2520(b) at this waste management facility.
6. The discharger is responsible for accurate characterization of wastes, including determinations of whether or not wastes will be compatible with containment features and other wastes at the waste management unit in order to comply with Subchapter 15, Section 2520(b), and whether or not wastes are required to be managed as hazardous wastes under Section 66300 of the California Administrative Code, Title 22.
7. Nonhazardous solid waste and inert waste may be disposed of at this waste management facility.
8. The discharger shall implement a periodic load-checking program to ensure that hazardous materials are not discharged at this waste management facility. The program shall be approved by the state Department of Health Services and the Executive Officer.
9. The discharger shall comply with all applicable requirements of Subchapter 15, Article 3 at this waste management facility. Article 3 establishes siting, design, construction, operation, and maintenance standards. Sections 2530, 2533, and Table 3.1 are applicable in whole or in part to this waste management facility.
10. The discharger shall comply with all applicable requirements of Subchapter 15, Article 4 at this waste management facility. Article 4 establishes construction standards for waste management units.

### *C. PROVISIONS*

1. Neither the treatment nor the discharge of waste shall create a pollution, contamination or nuisance, as defined by Section 13050 of the California Water Code.
2. The discharger must comply with all conditions of this Order. Any noncompliance with this Order constitutes a violation of the California Water Code and is grounds for (a) enforcement action; (b) termination, revocation and reissuance, or modification of this Order; or (c) denial of a Report of Waste Discharge renewal application.

3. In an enforcement action, it shall not be a defense for the discharger that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with this Order.
4. The discharger shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this Order, including such accelerated or additional monitoring as may be necessary to determine the nature and impact of the noncompliance.
5. The discharger shall, at all times, properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the discharger to achieve compliance with conditions of this Order. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls including appropriate quality assurance procedures.
6. This Order may be modified, revoked and reissued, or terminated for cause including, but not limited to, the following:
  - (a) Violation of any terms or conditions of this Order;
  - (b) Obtaining this Order by misrepresentation or failure to disclose fully all relevant facts; or
  - (c) A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge. The filing of a request by the discharger for the modification, revocation and reissuance, or termination of this Order, or notification of planned changes or anticipated noncompliance does not stay any condition of this Order.
7. This Order does not convey any property rights of any sort or any exclusive privileges. The requirements prescribed herein do not authorize the commission of any act causing injury to persons or property, nor protect the discharger from liability under federal, state or local laws, nor create a vested right for the discharger to continue the regulated activity.
8. The discharger shall allow the Regional Board, or an authorized representative upon the presentation of credentials and other documents as may be required by law, to:

- (a) Enter upon the discharger's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this Order;
  - (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Order;
  - (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order; and
  - (d) Sample or monitor at reasonable times, for the purposes of assuring compliance with this Order or as otherwise authorized by the California Water Code, any substances or parameters at any location.
9. A copy of this Order shall be maintained at this waste management facility and shall be available to operating personnel at all times.
10. The requirements prescribed by this Order supersede the requirements prescribed by Order No. 80-51. Order No. 80-51 is hereby rescinded when this Order becomes effective.
11. The provisions of this Order are severable, and if any provision of this Order, or the application of any provision of this Order to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this Order, shall not be affected thereby.
12. Alternatives and exceptions to and exemptions and waivers from requirements of Subchapter 15 shall be subject to the approval of the Executive Officer and shall be authorized only as provided for by Subchapter 15.
13. Operation of this waste management facility may be subject to regulations of the California Waste Management Board.
14. The discharger shall comply with all applicable requirements of Subchapter 15, Article 8 for partial and final closure and post-closure maintenance of this waste management facility. Article 8 establishes closure and post-closure maintenance requirements. Sections 2580 and 2581 are applicable in whole or in part to this waste management facility.

15. The discharger shall establish an irrevocable closure fund or provide other means to ensure closure and post-closure maintenance of this waste management facility in accordance with a plan approved by the Executive Officer.

*D. REPORTING REQUIREMENTS*

1. The discharger shall file a new Report of Waste Discharge at least 120 days prior to the following:
  - a. Significant change in the disposal method.
  - b. Change in the disposal area from that described in the findings of this Order or the Report of Waste Discharge.
  - c. Other circumstances which result in a material change in character, amount, or location of the waste discharge.
  - d. Any planned change in the regulated facility or activity which may result in noncompliance with this Order.
2. The discharger shall furnish to the Executive Officer of this Regional Board, within a reasonable time, any information which the Executive Officer may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this Order. The discharger shall also furnish to the Executive Officer, upon request, copies of records required to be kept by this Order.
3. The discharger must notify the Executive Officer, in writing at least 30 days in advance of any proposed transfer of this Order's responsibility and coverage to a new discharger. The notice must include a written agreement between the existing and new discharger containing a specific date for the transfer of this Order's responsibility and coverage between the current discharger and the new discharger. This agreement shall include an acknowledgement that the existing discharger is liable for violations up to the transfer date and that the new discharger is liable from the transfer date on.

4. The discharger shall comply with the attached Monitoring and Reporting Program No. 87-53. Monitoring results shall be reported at the intervals specified in Monitoring and Reporting Program No. 87-53.
5. Where the discharger becomes aware that it failed to submit any relevant facts in a Report of Waste Discharge or submitted incorrect information in a Report of Waste Discharge or in any report to the Regional Board, it shall promptly submit such facts or information.
6. The discharger shall report any noncompliance which may endanger health or the environment. Any such information shall be provided verbally to the Executive Officer within 24 hours from the time the discharger becomes aware of the circumstances. A written submission shall also be provided within five days of the time the discharger becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The Executive Officer, or an authorized representative, may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.
7. The discharger shall file a written report within 90 days after the total quantity of wastes discharged at this waste management facility equals 75 percent of the reported capacity of the facility. The discharger's senior administrative officer shall sign a letter which transmits the report and certifies that the policy-making body is adequately informed about it. The report shall contain a schedule for studies, design and other steps needed to provide additional capacity at this waste management facility or elsewhere.
8. The discharger shall submit such information as is required by Subchapter 15 and as may be requested by the Executive Officer in order to reclassify the waste management unit(s) at this waste management facility, determine retrofitting requirements, develop a water quality monitoring program as required by Subchapter 15, evaluate compliance with other applicable requirements of Subchapter 15, and prepare waste discharge requirements which fully implement Subchapter 15 for this waste management facility.

9. The discharger shall develop and submit to the Executive Officer a proposed monitoring program for this waste management facility which complies with the requirements of Subchapter 15, Article 5. Article 5 establishes requirements for ground water, surface water, and unsaturated zone monitoring and includes requirements for implementation of a detection monitoring program and, if necessary, verification and corrective action programs. The discharger shall implement the monitoring program upon approval by the Executive Officer.
10. The discharger shall conduct such monitoring as may be necessary in order to provide information requested by the Executive Officer.
11. The discharger shall comply with all applicable requirements of Subchapter 15, Article 9 for this waste management facility. Article 9 establishes compliance procedures and includes requirements for reporting, notification, and record keeping.
12. The discharger shall maintain legible records of the volume and type of each waste discharged at this waste management facility and the manner and location of discharge. Such records shall be on forms approved by the State Board and shall be maintained at the waste management facility until the beginning of the post-closure maintenance period. These records shall be available for review by representatives of the State Board and Regional Board at any time during normal business hours. At the beginning of the post-closure maintenance period, copies of these records shall be sent to the Regional Board.
13. All applications, reports, or information submitted to the Executive Officer of this Regional Board shall be signed and certified as follows:
  - a. The Report of Waste Discharge shall be signed as follows:
    - (1) *For a corporation* - by a principal executive officer of at least the level of vice-president.
    - (2) *For a partnership or sole proprietorship* - by a general partner or the proprietor, respectively.
    - (3) *For a municipality, state, federal or other public agency* - by either a principal executive officer or ranking elected official.

- b. All other reports required by this Order and other information required by the Executive officer shall be signed by a person designated in paragraph (a) of this provision, or by a duly authorized representative of that person. An individual is a duly authorized representative only if:
  - (1) The authorization is made in writing by a person described in paragraph (a) of this provision;
  - (2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity; and
  - (3) The written authorization is submitted to the Executive Officer.
- c. Any person signing a document under this Section shall make the following certification:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

- 14. The discharger shall submit reports required under this Order and other information requested by the Executive Officer, to:

Executive Officer  
California Regional Water Quality Control Board  
San Diego Region  
9771 Clairemont Mesa Blvd., Suite B  
San Diego, California 92124- 1331

*E. NOTIFICATIONS*

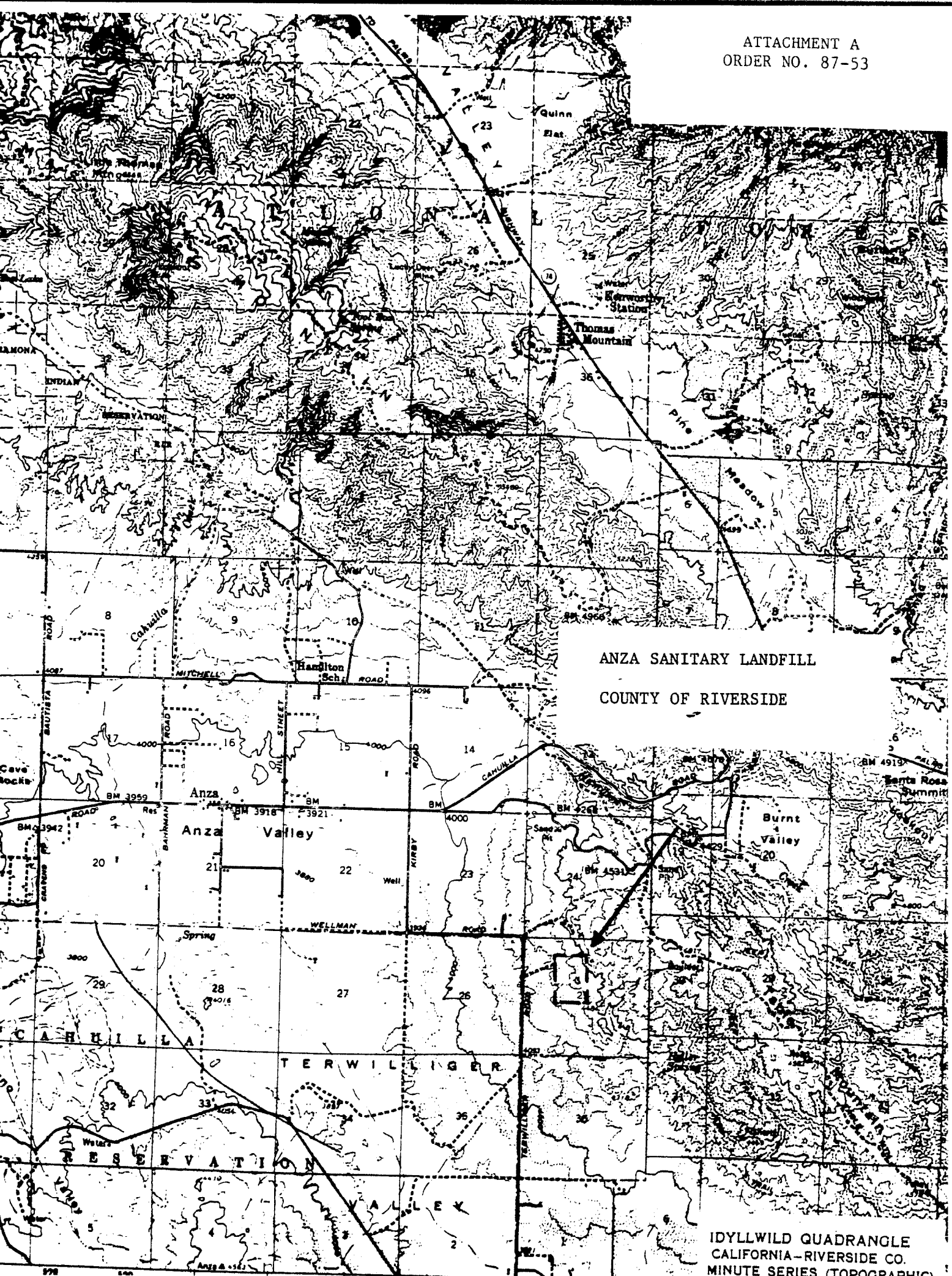
1. These requirements have not been officially reviewed by the United States Environmental Protection Agency and are not issued pursuant to Section 402 of the Clean Water Act.
2. The California Water Code provides that any person who intentionally or negligently violates any waste discharge requirements issued, reissued, or amended by this Regional Board is subject to administrative civil liability of up to 10 dollars per gallon of waste discharged, or, if no discharge occurs, up to 1000 dollars per day of violation. The Superior Court may impose civil liability of up to 10,000 dollars per day of violation or, if a cleanup and abatement order has been issued, up to 15,000 dollars per day of violation.
3. The California Water Code provides that any person failing or refusing to furnish technical or monitoring program reports, as required under this Order, or falsifying any information provided in the monitoring reports is guilty of a misdemeanor and may be subject to administrative civil liability of up to 1000 dollars per day of violation.
4. Definitions of terms used in this Order shall be as set forth in Subchapter 15.

*I, Ladin H. Delaney, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Diego Region, on June 15, 1987.*

*Ladin H. Delaney*

*Ladin H. Delaney  
Executive Officer*







CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN DIEGO REGION

MONITORING AND REPORTING PROGRAM NO. 87-53  
FOR THE  
ANZA SANITARY LANDFILL  
COUNTY OF RIVERSIDE

Monitoring and Reporting Program No. 87-53 is identical to the monitoring and reporting program previously associated with Order No. 80-51. A revised monitoring and reporting program as outlined by Subchapter 15 will be required after review of technical information submitted as required by Order No. 87-53 or requested by the Executive Officer.

GENERAL PROVISIONS FOR SAMPLING AND ANALYSIS

Unless otherwise noted, all sampling, sample preservation, and analyses shall be conducted in accordance with the current edition of *Standard Methods for the Examination of Water and Wastewater* or approved by the Executive Officer.

All analyses shall be performed in a laboratory certified to perform such analyses by the California Department of Health Services or a laboratory approved by the Executive Officer.

GENERAL PROVISIONS FOR REPORTING

For every item where the requirements are not met, the discharger shall submit a statement of the actions undertaken or proposed which will bring the discharge into full compliance with requirements at the earliest time and submit a timetable for correction.

By January 30 of each year, the discharger shall submit an annual summary report to the Regional Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous year. In addition, the discharger shall discuss the compliance record and the corrective actions taken or planned which may be needed to bring the discharge into full compliance with the waste discharge requirements.

MONITORING PROGRAM

The discharger shall submit technical reports concerning the quantity and quality of the discharge in accordance with the following schedule.

*A. Site Monitoring*

The discharger shall submit an annual report consisting of a map showing the site boundaries, excavated areas, and a report of the estimated total volume of wastes deposited in the landfill and the estimated capacity remaining.

*B. Ground Water Monitoring*

1. Ground water monitoring wells shall be located upgradient of the landfill site and downgradient of the landfill site at locations approved by the Executive Officer.
2. A representative sample of water from the monitoring wells shall be collected and analyzed for the following items:

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Constituent	Unit	Type of Sample	Reporting Frequency
<hr/>			
Total Dissolved Solids	mg/L	Grab	Quarterly
Chloride	mg/L	Grab	Quarterly
Hardness	mg/L	Grab	Quarterly
Total Alkalinity	mg/L	Grab	Quarterly
pH	Units	Grab	Quarterly
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3. The depth to the ground water in the monitoring well shall be measured and reported quarterly.

*C. MONITORING REPORT SCHEDULE*

Monitoring reports shall be submitted in accordance with the following schedule:

Reporting frequency

Reports due

Quarterly

April 30, July 30, October 30,  
and January 30

Annual

January 30

Ordered by

*Ladin H. Delaney*

Ladin H. Delaney  
Executive Officer  
June 15, 1987